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USIB AD HOC COMMITTEE ON EXCHANGES  
Minutes  
17 February 1959

## Present:

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[REDACTED], Chairman, CIA

Mr. Gatewood, State

Mr. Stone, Army

Lt. Comdr. Dickins, Navy

Maj. Jelich, AFCIN

Capt. Palmer, J-2

Mr. Abrahams, AEC

Mr. Flynn, USIA

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[REDACTED], OSI/CIA

[REDACTED] ORR/CIA

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[REDACTED] OCR/CIA

[REDACTED] OO/CIA

Capt. Poland, AFCIN (present for discussion of proposed Civil Air Transport Exchange)

[REDACTED] OSI/CIA) present for discussion of proposed ORR/CIA) Soil Mechanics Exchange

[REDACTED], OSI/CIA)

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[REDACTED] SI/CIA ) present for discussion of Agricultural  
[REDACTED] OSI/CIA ) Exchanges

[REDACTED], Secretary

INTRODUCTION

1. Lt. Comdr. Paul Dickins was introduced as the new Navy member.

2. The Chairman asked that members get the evaluations of last year's exchanges into the Secretary immediately. These are necessary for the report to USIB.

3. The minutes of the 13 January meeting were approved with the addition of the following sentence at the end of paragraph (5).

"Mr. Zagorski expressed the hope that, in the future, formal communications to the NAS would be sent to the Academy through the State Department (i.e. P/EWC); the Chairman and Secretary of the Committee agreed to this procedure."

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#### ACTION MATTERS

1. Committee Mission and Functions. The Chairman reported that the DDCI had suggested that the Committee's Missions and Functions should be a DCID. The title of the Committee will no longer contain the words "Ad Hoc." He noted that the FBI has previously preferred not to be a member of the Committee. The Secretary was therefore instructed to check the present feeling of the FBI and make the appropriate notation in paragraph (1) if they prefer to be excluded from membership. It was agreed that the USIA function is covered by the phrase "participate as appropriate." The 3 February draft was approved and will be forwarded to Secretary, USIB.

2. Cartographers' Exchange. The Chairman noted that the opinion concerning this exchange had not been fully resolved by the telephone poll between meetings. It was clarified that the issue was whether to require or merely urge reciprocity. After some discussion it was agreed that the Secretary should inform the Department of State that the Committee favors reciprocity but feels that there will be a net gain if the Soviets send bona fide experts who participate in the conference. The participation is essential and it was agreed that the bona fides of the experts could be checked by referring the name to CIA or Army Map Service when applications are received. Full reciprocity would be necessary if anything other than the listed tour is permitted.

3. Librarians' Exchanges. The Chairman reported that CIA is enthusiastic about both exchanges mentioned by Mr. Mohrhardt at the previous meeting. Mr. Gatewood reported that the Department feels the same way. He noted that Ambassador Lacy wrote to Mr. Corey of the American Library Association urging him to organize an exchange. He also noted that the US could not hope to obtain technological gain from this exchange but that they would learn what the Soviets have and possibly be able to procure items of interest. It was agreed that the Secretary would notify EWC of the interest of the intelligence community in the Librarians' Exchange. Mr. Gatewood will arrange to have someone contact Mr. Corey to determine the status of the ALA exchange proposal.

4. Civil Air Transport Exchange. The Chairman noted that Air Force report was very complete but expressed his feeling that the possibility of gaining the information of interest to Air Force seemed very slight and that the possibility of Soviet technological

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gain seemed much greater. Captain Poland, who was present for the discussion, agreed that the gain possibilities were slight but pointed out that the extensive contacts the Soviets were instituting with Western airlines would make it only a matter of time before they obtained the technological gains. He said the Air Force hopes to take advantage of this time lag to extract some information. Cmdr. Dickins noted that the Navy was very much in favor of this exchange but felt very strongly that the US participants must have Russian language capability and must make their visit either first or concurrently. [REDACTED] reported that ORA was very much interested but had some suggestions for changes. It was agreed that an Ad Hoc Subcommittee would be constituted to review the proposal and make recommendations to the Committee. The Chairman noted that there is a sliding scale of possibilities and it might be necessary to cover several of these with a net gain assessment for each. Nominations for the Ad Hoc Subcommittee should be telephoned to the Secretary by c.o.b. Friday, 20 February. It was requested that Captain Poland chair the Subcommittee.

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25X1A9a 5. Symposium on Cosmic Gas Dynamics. The Chairman noted that interim action had been necessary on this item. In response to a request [REDACTED] pointed out that both Air Force and OSI agreed that the US stood a good chance of making a net gain if the two invited Soviets attended. They have done considerable advanced work in several thermo-dynamics fields and there does not seem to be anything new which will be discussed at the conference. The Committee therefore endorsed the approval given during the interim period.

6. Technical Exchange Possibilities. The Chairman asked if any members had technical exchange possibilities which they desired to be presented to the Department for action during 1959. Maj. Jelich reported that Air Force will have 12 or 13 such proposals coming in during the year as details are completed on them. Mr. Gatewood suggested that some of the items previously sent to EWC could be revived. The Secretary noted that some of these have been tried and abandoned for various reasons. The Chairman directed that the items be kept on the agenda for the next meeting and urged each member to review possibilities.

7. Machine Searching and Translation Conference. Maj. Jelich reported that Dr. Kent had called Moscow and determined that the Soviets were willing to re-schedule the related conference in Moscow so that there would be no conflict with the Machine Trans-

lation Conference. Air Force noted that this Moscow Conference could be adequate reciprocity for Soviet attendance at the Cleveland conference. After a discussion revealing that the US gain probably would be syntactical rather than in the fields of machine methods and programming, it was agreed that the Committee believes that full reciprocity for the conference and any related tours is necessary. The Secretary was directed to so inform the Department.

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8. Soil Mechanics Exchange. [redacted] OSI, and [redacted],  
ORR, were present for the discussion. [redacted] said that the ex- 25X1A9a  
change deals with the phenomenon affecting the action of soils. It is related to engineering geology, and covers properties and measurements of soils and laboratory and sampling techniques in connection therewith. Its relationship to roads, airfields and launching sites makes it important to the intelligence community. He noted that the Soviets have carried on an extensive activity recently. They have done advanced and original work and are ahead of the US in some fields. He said that in addition to the intelligence gain in all probability there would be some scientific gain to the US. He suggested that some additional Soviet organizations be added to the itinerary in the USSR and urged that measures be taken to assure that members of the US delegations be cooperative with the US Government. He also asked that Permafrost not be made such a major part that the proposed Permafrost Exchange be 25X1A9a  
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endangered. [redacted] noted that the frozen ground work was the area in which the Soviets were best and expressed the hope that no opportunity would be lost to learn about developments in this field. In answer to a question, [redacted] said that there would be some overlap with the Highway Exchange but not sufficient to rule out possibility of a future exchange in the Highway field. 25X1A9a  
25X1A9a [redacted] noted that this exchange probably was important enough for the intelligence community to [redacted] 25X1A12a  
The Committee agreed that there was an excellent possibility of net gain to the US if some of the delegates could be encouraged to cooperate with the US Government. The Secretary was instructed to inform the Department.

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25X1A9a Agricultural Exchanges. [redacted]  
[redacted] were present for the discussion. [redacted] noted that 25X1A9a  
since the Soviets are unwilling to divulge statistical data, except on a local basis, the US can hope to gain only a general impression of Soviet agriculture. He noted that this is useful and that the visits by US experts develop a pool of people whose knowledge may be useful in the future. Some of the information picked up during the course of the 1958 program was of value but

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it was outweighed by the considerable technological gain accruing to the Soviets. He stated that from an intelligence point of view the 1958 exchange program was of doubtful value. Mr. Gatewood said that the State expert agreed completely but felt that some slight betterment might be brought about by intensive briefing of future delegations. The Chairman said that if there was a possibility of serious net loss to the US it might be advisable to draft a letter for the A.I.'s signature to Ambassador Lacy, pointing out the seriousness of the situation. He cited [REDACTED]'s statement that agricultural information in the Soviet Union had been placed on a strategic list since 1945. Maj. Jelich said that it might be possible to get information in another field which would be as important as the technical gain to the Soviets in the agricultural field. It was agreed that the agriculture statistics were important in themselves and that the Soviets might be persuaded to release these or other useful information if the US took a firm stand. It was felt that the Committee had a responsibility to point out a net loss situation. The Secretary was directed to draft the appropriate letter and circulate it to the members for clearance.

10. Electrically Exploded Wire Phenomenon. An Air Force report on the conference was circulated at the meeting. Maj. Jelich stated that he knew of no similar conference in the USSR but suggested that it might be possible to divert one or two of the experts attending conferences in Europe to appropriate visits in the USSR as reciprocity. Mr. Abrahams suggested that they might visit the appropriate sections of the Lebedev Institute in Moscow. It was suggested that the Air Force sponsor be urged to come up with suggestions for reciprocity. It was noted that the invitation required that the Soviets participate and that no tours would be anticipated. It was agreed that reciprocity should be sought but is not essential. Members were agreed to explore possibilities for reciprocity.

11. International Combustion Symposium. The Chairman noted that the Department had a request to permit Soviet attendance at the 8th International Combustion Symposium, Pasadena, in 1960. This is a closed area so they would like an intelligence review. It was agreed that an Ad Hoc group would be appointed and that the names should be reported to the Secretary by Friday, 20 February.

12. Scientific Exchange Program. The Chairman noted that the Weather Bureau had forwarded a proposal to the Department of State for the study of Tritium as an aid to water resource planning. This would come under the program set up by the National Academies

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of Sciences. It was agreed that the Secretary would circulate copies and members could telephone appropriate comments to him (Attachment A). Mr. Abrahams asked whether the Committee would review all of the NAS proposals. The Chairman expressed the hope that we would have an opportunity to look at each one and [REDACTED] pointed out that the Agreement called for a three month advance notice by each country so that ample opportunity should be available for review. It was agreed that the Committee would be responsible for reviewing these and objecting in those cases in which there seemed to be an intelligence disadvantage to the US.

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[REDACTED]  
Secretary

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